MENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
Total Rs: 2269862-00				
			JT- 22699-00	
			CGST- 22699-00	
			CBF- 2270-00	
			LR- 22926-00	
			CGST- 20267-00	
			SGST- 20267-00	
			Adju.: 111128-00.	
			Payee: 2,58,734-00	

ecutive [illegible]
[illegible] Sub Division

"First and final"

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354243

No. .....
e of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of the work :- Improvements to Roads and drains at Balance Roads at Ramachandrapura area in Ward No-10 (Doddabommasandra), Kathrapura Sub division						
	Estimated Cost :-25.00 Lackhs.						
	Job code :- 010-18-000040 Indent No:- 29470.						
	Head of Account :- P1771.						
	Name of the Agency :- Sri N.M. Shivakumar, #7, 2nd Block, Jusanahalli Rajajinagara, Bangalore-560010.						
	Work order Number :- BBMP/EE/BTP/WO/123/2018-19 dt:- 19/9/2018.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Excavation for road, drains and similar works KSRB 3004: Earthwork excavation by ~~mechanical~~ manual means in ordinary soil including conveyance horizontal throw upto 2 meters and an average lift upto 0.50m, Excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods (complete as per specifications and lead as per premeasurement MB No - 3543 & Page No - 354269 to 354272					684.45 m^3 @ Rs 185.12 Rs 126705=00	
	(2) Wet mix Macadam KSRB M400-17. providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt as per wet mix macadam specifications including pre mixing the material with water @ OMC in mechanical mix plant carriage & mixed method of tipper to site, laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc., complete as per specifications and directions of in charge of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	As per premeasurement & MB No - 3543 & Page No to 354274
	(3) Clearing the earthwork finally dusting with old cotton hessian cloth etc, complete as per specifications As per premeasurement MB No - 3543 & Page No to 354277

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Excavation for road, drains and similar works KSRB 3004: Earthwork excavation by manual means in ordinary soil including horizontal throw upto 2 meters and an average lift upto 0.50m, Excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods Complete as per specification and direction. As per Premeasurement wide MB No - 3543 & Page No - 354269 to 354272					684.45 m³	
						@ Rs 185.12	Rs 126705=00
	(2) Wet mix Macadam KSRB M400 - Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt as per wet mix macadam specifications including pre mixing the material with water @ OMC in mechanical mix plant Carriage & mixed method of tipper to site, laying in uniform layers with Paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc., complete as per specifications and directions of in charge of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	As per pre measurement & MB No - 3543 & Page No to 354274
	(3) Clearing the vegetation ... grubbing with old ... furnishing treatment in ... etc, complete as per sp ... As per pre measurement MB No - 3543 & Page No to 354277

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
similar works (SR# 3004: Earthwork				
any soil (mainly an average				
leverage lift upto 0.50m, excavated				
ed the disposed earth to be leveled				
t as per specification and lump sum.				
			684.45m³	
4272				Rs 126705=00
@Rs 185.12				
providing, laying, spreading and compacting				
p/basecourse to wet mix macadam specification				
with water @ OMC in mechanical interlock				
to site, layer in uniform layers with Pavers,				
ell prepared surface and compacting with				
e the desired density etc., complete				
rection of work in charge of the work.				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354244

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	As per pre measurement wide MBS No- 354394 page no- 354272 to 354274					273.70m³	
	(3) Clearing the existing Blacktopped surface with brooms, & by manually dusting with old gunny bags (or) and/or compressed air to receive the finishing treatment including cost of all materials, labour, tools & machineries, complete as per specification and direction of work in charge of the work					4760.00m²	
	per pre measurement wide MBS No- 354394 page no- 354274 to 354277						
	@Rs. 1746.18					Rs 477929=00	
	@Rs. 2.67					Rs 12709=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(4) Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared Black topped surface @ 2.5 kg/10 sqm (heating bitumen in boiler fitted with spray set) including cost & all materials, labour, Hiring of machinery, etc; complete as per specification and disposal etc. measurment and quality are same as that of item no - (3) vide MB no - 35434 Page no - 354274 to 354277					4760.00 sqm @ Rs. 10.68 Rs 50837=00	
	(5) Providing and Laying Bituminous Concrete (Dense graded) using crushed aggregates of specified grading, premixed with Bitumen binder and filler, transporting the mix in tipper lorries to the required stretch, laying it with paver finisher to the required level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compactions as per MORTH specification clause no - 500.9, Complete in all respects, Complete as per specifications. MORTH specification - 500.4						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
4/1	60 TPH Capacity with 6% VG-30, Porta... incharge, other... Kataparamma temple ... room

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
100 grade bitumen (VG10) on the leaky bitumen in boiler & road surface) including cost & c. complete as per specification.			
274		@Rs. 10.68 /Rs	4760.00 50837=00
e your truck with MS impliment, y, premixed cold with Bituminous m in fly, work site, by giving the d all impliment, rolling with ers rollers to achive the desired clause no- 500.9, complete in . MORTH Specification 500.4 giving			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354245

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
40	60 TPH Capacity HMP with mechanical Paver upto (30 to 4 Stages) with 6% VG-30, Bitumen etc., complete as per specification and direction of Engineer incharge at the work site. Kataprammatemple (ST) main (ST) room	1	30	$\frac{5.9+5.8}{2}$	0.04	7.02 m³	
		1	30	$\frac{5.8+5.6}{2}$	0.04	6.84 m³	
		1	30	$\frac{5.6+5.3}{2}$	0.04	6.54 m³	
		1	30	$\frac{5.3+5.0}{2}$	0.04	6.18 m³	
		1	30	$\frac{5.0+4.9}{2}$	0.04	5.94 m³	

32.52.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wayanad Mainroad } –	1×	30×	$\left(\frac{4.9+5.8}{2}\right)$	× 0.04	= 6.42	
		1×	9.5×	$\left(\frac{5.8+5.9}{2}\right)$	× 0.04	= 2.22	
		1×	30×	$\left(\frac{5.0+4.9}{2}\right)$	× 0.04	= 8.34	
		1×	29.8×	$\left(\frac{4.9+5.0}{2}\right)$	× 0.04	= 5.90	
		1×	30×	$\left(\frac{5.9+5.8}{2}\right)$	× 0.04	= 8.82	
		1×	30×	$\left(\frac{5.8+4.9}{2}\right)$	× 0.04	= 6.42	
		1×	30×	$\left(\frac{4.9+5.2}{2}\right)$	× 0.04	= 6.06	
							76.78

C&FC. 18/12

Serial No. .....
Name of Work .....
Name of Contractor of natu
Date of commencement of

Date	Full description
1	2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Jayalaxmma Layout :-	1 × 30	× (6.7 + 4.5)/2		× 0.04 = 6.72		
		1 × 30	× (4.5 + 4.8)/2		× 0.04 = 5.58 m³		
		1 × 14	× (4.8 + 6.1)/2		× 0.04 = 3.05 m³		
	Patel Modelappa layout 8th cross :-	1 × 30	× (6.1 + 3.8)/2		× 0.04 = 5.94 m³		
		1 × 30	× (3.8 + 4.6)/2		× 0.04 = 5.04 m³		
		1 × 30	× (4.6 + 4.6)/2		× 0.04 = 5.52 m³		
		1 × 30	× (4.6 + 4.6)/2		× 0.04 = 5.52 m³		
							156.95

Serial No. .....
Name of Work .....
Name of Contractor
Date of commence

Date	Full des
1	

Patel Modell

BOOK

ons Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
4.5)	×0.04 = 6.72		
+4.8)	×0.04 = 5.58		
8+6.1)	×0.04 = 3.05		
+3.8)	×0.04 = 5.94		
8+4.6)	×0.04 = 5.04		
.6+4.6)	×0.04 = 5.52		
.6+4.6)	×0.04 = 5.52		
		156.95	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354247

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Detailing layout Cross road	1	30	(4.6+4.4)/2	0.04	= 5.40 m³	
		1	16	(4.4+4.9)/2	0.04	= 2.98 m³	
		1	30	(4.8+5.1)/2	0.04	= 5.94 m³	
		1	30	(5.1+4.1)/2	0.04	= 5.52 m³	
		1	30	(4.1+4.0)/2	0.04	= 4.86 m³	
		1	30	(4.0+3.7)/2	0.04	= 4.62 m³	
						186.27	

Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	25 × (3.7+4.8)/2		× 0.04 = 4.25 m³		
						= 190.52 m³	
			Net quantity			= 190.40 m³	
			Quantity limited to				
				@ Rs. 8366.00		Rs 1592886=00	
				Total		Rs 2261066=00	

Bhuvaneshwari

19/10/2018

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

19/10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	← Do
	Kadap
	249.3
	Bhuvaneshwari
	19

NT BOOK

...ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
(3.7+4.8)/2) x 0.04 = 4.25 m³				
			= 190.52 m³	
...city			= 190.40 m³	
...ted to				
			Rs 1592886=00	
...Rs. 8366.00				
Total — Rs 2261067=00				
19/10/2018				

...ecutive Engineer
...ura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354248

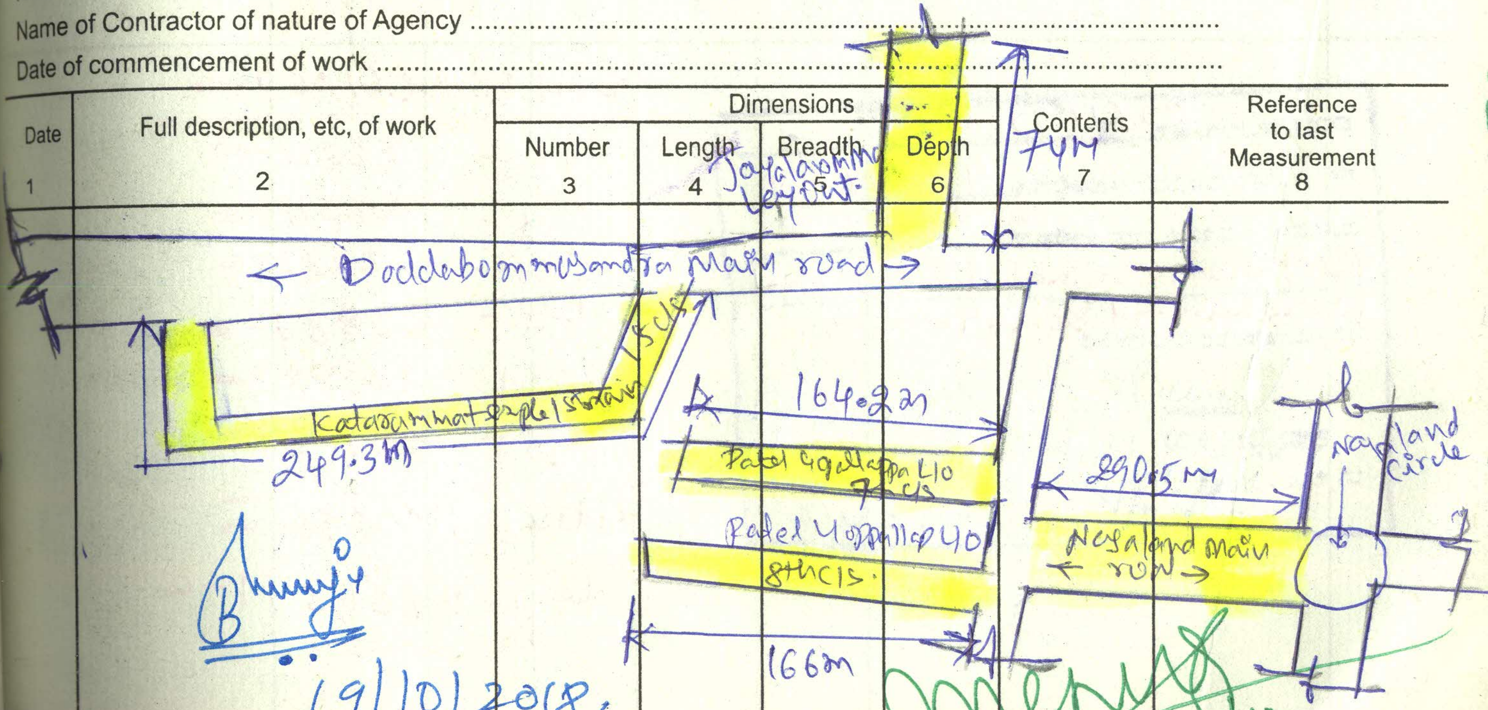
Serial No. ....

Name of Work .... From.............................. To...................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



19/10/2018.

Assistant Executive Engineer
Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						To bal Rs. 22,61,067-00	
						IT - 22611-00	
						CGST - 22611-00	
						CBT - 2261-00	
						LR - 22887-00	
						CGST - 20188-00	
						SGST - 20188-00	
						Adjt. 110696-00	
						Charges 21,50,371-00	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 22,61,067-00

ಗುತ್ತಿಗೆ ಪಾವತಿ ಮಾಡಿದೆ : ಇಷ್ಟಕ್ಕೆ ರೂ 110696-00

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 21,50,371-00

Rs. Twenty one Lakh fifty Thousand three hundred and seventy one only

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಅಧೀಕ್ಷಕರು 19/12

ಸಹಾಯಕ ಅಭಿಯಂತರರು 19/12

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 18/12

ಸಹಾಯಕ ಅಭಿಯಂತರರು

Serial No. .....

Name of Work .....

Name of Contractor of nature o

Date of commencement of wor

Date	Full description, etc,
1	2